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EARLEX SPRAY STATION 2900/3900

GB OPERATING INSTRUCTION MANUAL

FR MODE D'EMPLOI

ES MANUAL DE INSTRUCCIONES

IT MANUALE DI ISTRUZIONI OPERATIVE

DE BEDIENUNGSANLEITUNG

PT MANUAL DE INSTRUÇÕES DE UTILIZAÇÃO

PL INSTRUKCJA OBSŁUGI

RU ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ

UA ІНСТРУКЦІЇ З ЕКСПЛУАТАЦІЇ

GR ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ ΛΕΙΤΟΥΡΓΙΑΣ

DK BETJENINGSVEJLEDNING

NL GEBRUIKSHANDLEIDING

TR KULLANIM TALİMATI KILAVUZU

SE BRUKSANVISNING

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GB Thank you for purchasing the Earlex Spray Station.
BEFORE USE – PLEASE READ THE MANUAL AND SAFETY INSTRUCTIONS.
Please retain for future reference.

FR Merci d'avoir acheté cette station de peinture EARLEX.
AVANT UTILISATION MERCI DE BIEN LIRE CE MANUEL AINSI QUE LES CONSIGNES DE SECURITE.
Merci de concerver ce manuel pour toute consultation future.

ES Gracias por adquirir la Earlex Spray Station, el sistema innovador de pulverización HVLP.
ANTES DE SU USO – LEA ESTE MANUAL Y LAS INSTRUCCIONES DE SEGURIDAD.
Guárdelo para futuras consultas.

PT Obrigado por ter adquirido uma Estação de Pulverização Earlex.
ANTES DE UTILIZAR – POR FAVOR LEIA ESTE MANUAL E AS INSTRUÇÕES DE SEGURANÇA.
Guarde estas instruções para futuras consultas.

IT Grazie di avere comprato questa stazione di vernice Earlex.
PRIMA DELL'UTILIZZO GRAZIE DI BENE LEGGERE QUESTO MANUELE E LE CONSEGNE DI SICUREZZA.
Garzie di conservare questo manuale per ogni consultazione futura.

DE Herzlichen Dank für den Erwerb einer Earlex Spray Station.
BITTE LESEN SIE VOR INBETRIEBNAHME DES GERÄTES DIE BEDIENUNGSANLEITUNG SORFÄLTIG DURCH UND BEFOLGEN SIE DIE SICHERHEITSHINWEISE.
Bewahren Sie die Bedienungsanleitung für späteres Nachlesen und evtl. Rückfragen gut auf.

RU Благодарим вас за приобретение системы разбрызгивания Earlex.
ПРОЧИТАЙТЕ ДАННОЕ РУКОВОДСТВО И ПРАВИЛА ТЕХНИКИ БЕЗОПАСНОСТИ ДО НАЧАЛА ЭКСПЛУАТАЦИИ СИСТЕМЫ.
Сохраните этот документ для дальнейших справок.

PL Dziękujemy za zakup aparatu natryskowego Earlex.
PRZED UŻYCIEM APARATU PROSIMY O PRZECZYTANIE TEJ INSTRUKCJI ORAZ ZASAD BEZPIECZEŃSTWA.
Instrukcję należy zachować do wykorzystania w przyszłości.

UA Дякуємо за придбання системи розприскування Earlex. ПЕРЕД ВИКОРИСТАННЯМ ОЗНАЙОМТЕСЬ ІЗ ПОСІБНИКОМ ТА ІНСТРУКЦІЯМИ З ТЕХНІКИ БЕЗПЕКИ. Збережіть їх для подальшого використання.

GR Σας ευχαριστούμε που αγοράσατε το σύστημα Spray Station της Earlex.
ΠΡΙΝ ΑΠΟ ΤΗ ΧΡΗΣΗ – ΔΙΑΒΑΣΤΕ ΤΟ ΕΓΧΕΙΡΙΔΙΟ ΚΑΙ ΤΙΣ ΟΔΗΓΙΕΣ ΑΣΦΑΛΕΙΑΣ.
Κρατήστε το για μελλοντική αναφορά.

DK Tillykke med din nye Earlex Spraystation.
FØR BRUG BØR DU LÆSE BETJENINGS– OG SIKKERHEDSVEJLEDNINGERNE IGENNEM.
Gem vejledningerne til senere brug.

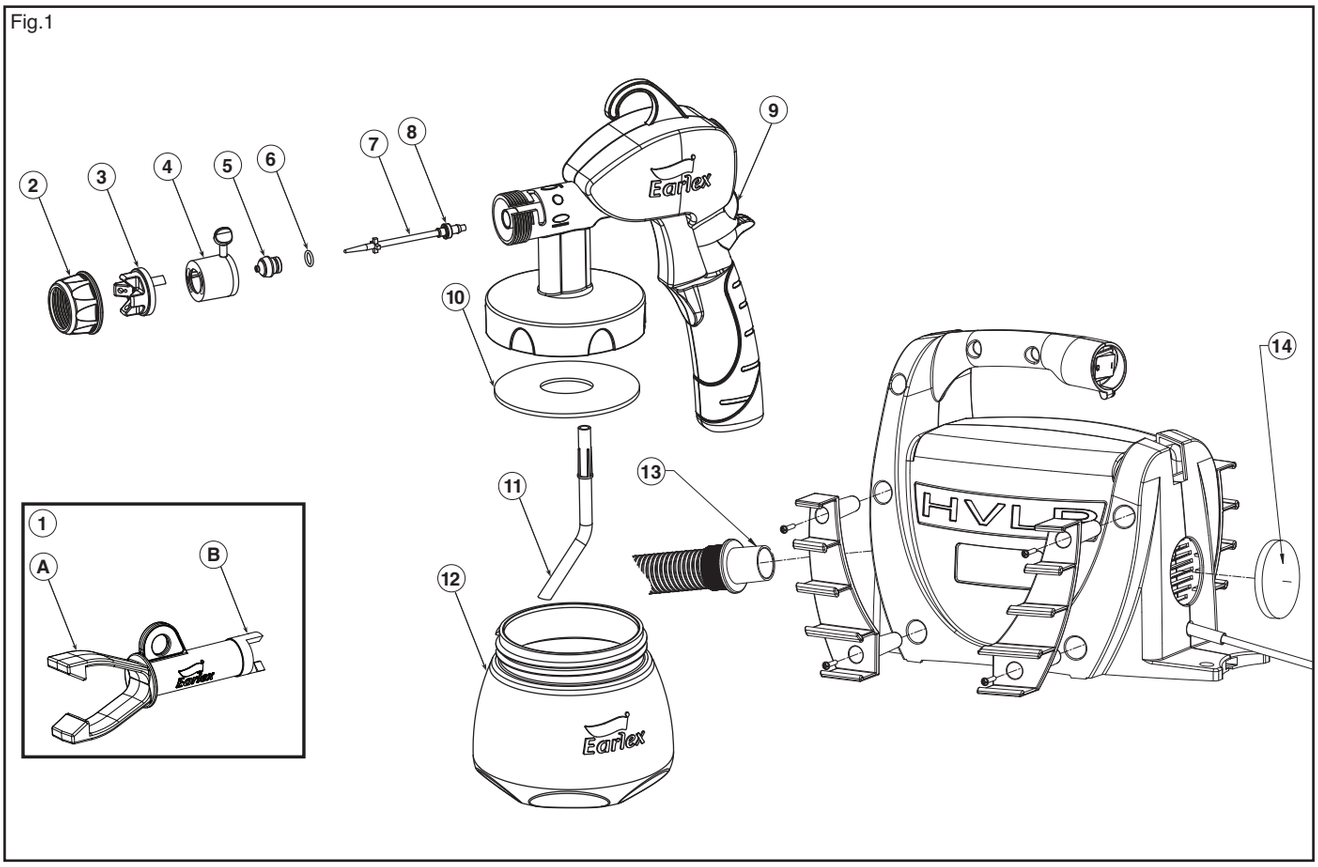
NL Wij danken u voor de aankoop van het Earlex Spray Station. VOOR HET GEBRUIK DIENT U DE HANDLEIDING EN DE VEILIGHEIDSINSTRUCTIES TE LEZEN!
Bewaar deze handleiding goed, zodat u deze later nog kunt raadplegen.

TR Earlex Sprey Paketini satın aldığınız için teşekkür ederiz.
KULLANMADAN ÖNCE – LÜTFEN KILAVUZU VE GÜVENLİK TALİMATLARINI OKUYUN
Lütfen referans için tutunuz

SE Tack för att ni köpt en Earlex sprutstation.
Innan ni börjar användning – var god läs bruksanvisning och säkerhetsinstruktionerna. Spara denna bruksanvisning för framtida användnin

EXPLODED PARTS VIEW

Fig.1



DIAGRAMS

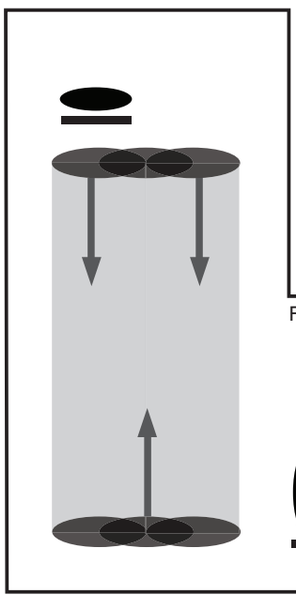


Fig.2

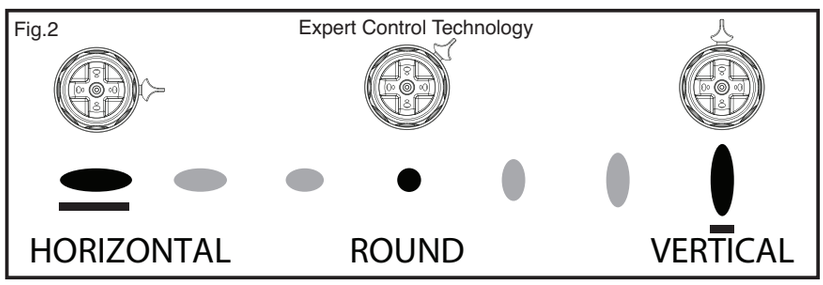


Fig.3

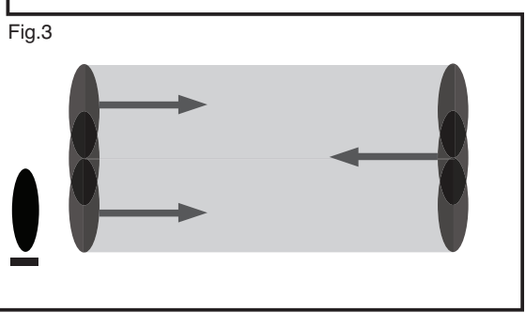


Fig.4

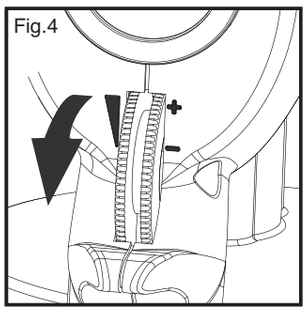


Fig.5

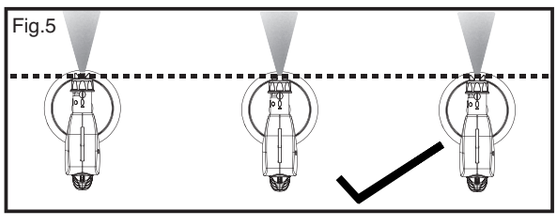
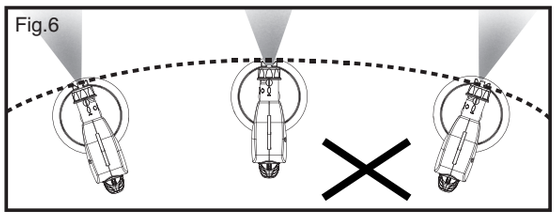


Fig.6



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SAFETY OPERATING INSTRUCTIONS

PLEASE READ BEFORE USE

- Never under any circumstances aim the Spray Gun at another person or animal. In the event of injury occurring seek expert medical advice immediately.
- The Spray Gun must only be used with paints and solvents that have a flash point suitable for spraying. If in doubt, consult the paint or solvent manufacturer's data.
- Always ensure there is adequate ventilation when spraying.
- NEVER spray near a naked flame, including appliance pilot light.
- NEVER smoke whilst spraying.
- NEVER allow children to operate or play with the Spray Gun.
- Always read the solvent manufacturer's instructions before use.
- Always disconnect unit from mains supply when filling the paint container.
- Always wear a suitable protective mask when spraying. We would also recommend the use of gloves, goggles and overalls.
- After each use, thoroughly clean the Spray Gun.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use only genuine manufacturer replacement parts.
- Always disconnect the Spray Station from the mains supply before cleaning the appliance.
- **Warning:** The use of any accessory or attachment, other than those recommended in this instruction manual, may present a risk of personal injury.
- Use the Spray Gun for the job it was designed for only. Mis-use of the Spray Gun will invalidate the guarantee.
- Wear ear protection.

WARNING: The substances used with this Spray Gun (paints, solvents, etc.) may contain dangerous, harmful, explosive or corrosive materials. ALWAYS COMPLY WITH THE SAFETY INSTRUCTIONS ISSUED WITH THIS PRODUCT AND THE MATERIAL BEING USED.

TECHNICAL SPECIFICATION:	HV2900	HV3900
Wattage:	500 Watts	550 Watts
Container capacity:	1 litre	1 litre
Voltage:	230 V	230 V
Air hose length:	4m	4m
Dynamic air pressure:	0,14 bar	0,14 bar
Sound pressure level:	85 dB (A)	85 dB (A)
Maximum viscosity:	160DIN/s	180DIN/s

PARTS LIST Fig.1

No.	Description	Part Code	No.	Description	Part Code
1.	Needle and Fluid Tip Tool	V0018	8.	Lip Seal - Fluid Needle	V0007
2.	Air Cap Ring	V0001	9.	Paint Flow Adjuster	V0011
3.	Air Cap	V0002	10.	Paint Container Seal	L0682
4.	Spray Direction Plate	V0003	11.	Pick-up Tube	V0012
5.	Fluid Tip 2.0mm	V0004	12.	Paint Container	V0014
6.	Fluid Tip O-Ring	V0005	13.	Hose	L0896
7.	Fluid Needle 2.0mm	V0006	14.	Filter	L0290

INTRODUCTION

The concept

A motor feeds out a high volume of air (HV) and enables products to be sprayed at a low pressure (LP). The Hose feeds the air produced by the motor to the Spray Gun. The solution is released from the Fluid Tip of the Spray Gun at a very low pressure (0.14 bar) and is enclosed in a high volume of air.

The powerful motor can spray a wide range of solutions with or without dilution. However, there will always be some which will not be suitable for the Spray Gun. Good quality paint contains a high percentage of solids which make the dilution easier. The users must keep in mind that low temperatures make the paint thicker, that's why we recommend spraying with the Spray Gun at a 15°C minimum temperature.

GB

PREPARATION

- Carefully cover areas which are not to be painted with a plastic cover and protective tape.
- Wear a suitable mask when spraying products (and make sure there is adequate ventilation in the room when working indoors).
- Clean the surface you are going to paint. As well as being clean, it must also be dry and smooth.
- Practice first on some old wooden planks to make sure you are holding the Spray Gun correctly.
- We recommend you wear protective clothing.
- Stir the paint well using a mixer where possible.
- Make sure there are no solid particles in the paint.
- Many products can be sprayed without being thinned. However, if the application is not good, thin the product progressively in stages of 5%.
- Most paints can be sprayed by being thinned just a little, e.g. by 5% or 10%.
- Some thick paints such as outer wall paints and certain undercoats will need to be thinned by 20% or 25%.
- Use water to thin a water-based product.
- Use appropriate thinner to thin solvent-based products.
- Certain manufacturers will indicate on the can whether a specific thinner is to be used.
- Certain paint manufacturers have specific paints available for HVLP application.

Your Spray Station, is a powerful and versatile solution, and comes with two sizes of Needle and Fluid Tip:

- The smaller Needle and Fluid Tip is the most commonly used size for decorative paints.
- The larger Needle and Fluid Tip, which can be easily assembled to the Spray Gun (with the Needle and Fluid Tip Tool (1)), is for thick paints such as undercoats and smooth masonry paints.

There are other optional Needle and Fluid Tip sizes available to purchase for more specific applications.

SET UP

- Fill the Paint Container (12) with the product to be sprayed. Stir well (as mentioned previously) and strain to remove any bits which will interfere with a smooth consistent spray.
- Make sure the Paint Container Seal (10) and Pick-up Tube (11) are firmly fitted into the base of the Spray Gun.
- Screw the Paint Container (12) to the base of the Spray Gun and tighten accordingly.
- Start with the Paint Flow Adjuster (9) at its minimum setting so the Trigger can not be pulled. Do not forget that the Paint Flow Adjuster controls the quantity of paint sprayed (Fig.4).
- Uncoil the air Hose and attach it to the back of the Spray Gun and the other end to the Spray Station.
- Uncoil the power cable and attach the plug to the mains supply.
- Switch the Spray Station on. This will immediately cause some air to be produced, which is quite NORMAL. However, none of the product will be sprayed until the Spray Gun Trigger is pulled.
- **Very important:** when spraying for the first time, we recommend that you always leave the motor unit to run for 1 to 2 minutes before applying the product. Do not forget that the Paint Flow Adjuster controls the quantity of paint sprayed (Fig.4).

ALWAYS MAKE SURE THAT THE MOTOR UNIT IS ON A RIGID SURFACE AND FREE FROM DUST.

3 spray patterns	
Horizontal and Vertical Spray with varying widths Vertical and Horizontal for normal sized jobs	**Round Spray** Round for small and precise jobs

The most commonly used technique for painting a large surface is the ‘crisscross’ technique, i.e. you apply the product in a horizontal strips and then cross over these strips by applying the product in a vertical strips (Fig. 3).

1) To achieve a horizontal strip adjust the Spray Direction Plate to the vertical position then pull the Trigger and move your arm across to the right. (Fig.2)

2) When you get to the end of the line, release the Trigger for a moment and then apply the product in the opposite direction just beneath the line you have sprayed.

3) Next, to achieve a vertical strip adjust the Spray Direction Plate to the horizontal position then pull the Trigger and move your arm up and down over the horizontal strips you just have sprayed. (Fig.2)

Through gradual movement of the Spray Direction Plate (4) between Horizontal, Vertical and Round spray pattern you can vary the width of the pattern (Fig.3)

HINT: To obtain the best results always keep your Spray Gun level and at an equal distance from the object you are spraying, ideally 25-30cm (10“-12”) (Fig.5/6). Let your arm control the movement rather than your wrist (Fig.5/6). This will help give you an even paint distribution.

HINT: HVLP technology produces warm air through the Air Cap allowing the paint to dry quicker which can enhance the final effect.

HINT: For ceilings and floors make sure the Pick-up Tube is properly oriented towards the handle of the Spray Gun.

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CLEANING INSTRUCTIONS

SPRAY GUN

Type of paint	Cleaning
Water based paint	Clean with water
Oiled based paint	Clean with appropriate thinner e.g. White Spirit

HINT: Before removing or re-inserting the Needle and Fluid Tip ensure the Spray Gun has been flushed through with water or the appropriate thinner so the inner tube is clean.

HINT: When done immediately the cleaning operation can take you less than 5 minutes. If taking a break, leave the Spray Gun in a plastic bag to prevent the paint from drying.

- Remove the Paint Container (12).
- Pour any leftover paint into its container so that it can be used for the future. Pull the Trigger to allow paint to run out of the Pick-up Tube (11).
- Pour a quantity of the respective thinner into container, shake the Spray Gun lightly, reassemble the Spray Gun, then spray this liquid though the Spray Gun. Repeat this until the thinner being sprayed is coming through with no traces of paint.
- Clean any traces of paint off the outside of the Spray Gun.
- Clean the Paint Container Seal (10).

FLUID TIP AND NEEDLE

- Unscrew Air Cap Ring (2).
- Remove the Air Cap (3).
- Remove the Spray Direction Plate (4).
- It is recommended that you push the Trigger forward to help release the Fluid Tip (5).
- Using the Needle and Fluid Tip Tool - pincer end A (1) remove the Fluid Tip (5).
- Insert the Needle and Fluid Tip end B (1) into the inner tube and unscrew the Needle anticlockwise, then pull to release the Needle.
- Place all of these items into a container and clean, then using a brush and the respective thinners.
- Clean the inside of the body of the Spray Gun.
- Thoroughly dry all parts before reassembling.
- Reassemble parts in reverse order.
- Ensure the Air Cap Ring (2) is fully tightened and the Fluid Tip is pushed into place so that the Spray Gun Needle will shut off. NB: Ensure the Spray Direction Plate is free to move. If necessary loosen the Air Cap Ring (2) slightly.
- NEVER DISPOSE OF PAINTS OR SOLVENTS DOWN THE DRAIN. ALWAYS USE YOUR LOCAL WASTE COLLECTION SITE.
- The motor unit itself does not require any specific maintenance apart from checking that the filter is not clogged up (the filter can be removed and washed). The filter can be found in the base of the motor unit.

Important: Each Fluid Needle is manufactured to fit the size of the corresponding Fluid Tip. Do not try to fit a 2.0 mm Fluid Needle to a 3.0 mm Fluid Tip.

TROUBLESHOOTING

	PROBLEM	CAUSE	ACTION REQUIRED
SPRAY GUN	The paint drips onto item being painted	Paint too diluted	Add undiluted paint
		Paint output too high	Reduce the paint output by adjusting the Paint Flow Adjuster (9)
		Moving too slowly	Increase speed of application
		Spray Trigger held for too long	Release Trigger sooner
		Spray Gun too close	Increase the distance between the Spray Gun and the work surface
	Paint is too thin or irregular	Paint too diluted	Add undiluted paint
		Paint output too low	Increase the paint output by adjusting the Paint Flow Adjuster (9)
		Moving too fast	Reduce speed of application
		Spray Gun clogged	Clean the Spray Gun
		Spray Gun too far away	Move the Spray Gun closer to the work surface
	No paint being released	Paint too thick	Add thinner
		Fluid Tip clogged	Clean the Fluid Tip (5)
		Pick-up Tube clogged	Clean Pick-up Tube (11)
		Air Hose split	Replace air Hose (13)
		Grainy paint	Filter the paint
		Paint Container almost empty	Refill Paint Container (12)
		Spray Gun at an angle	Check that the Pick-up Tube (11) is pointing towards the paint
		Air inlet blocked	Check the condition of the Filter (14) and clean if necessary
	Too much paint in an area	You move your wrist	Move your fore arm instead
	Application	Either too much or not enough paint	Use the Paint Flow Adjuster (9) to control the flow

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PLEASE NOTE: We have done all we can to ensure that when used correctly and in accordance with these instructions the spray gun has a long and fault-free life. We accept no responsibility for damage caused by the use of incorrect or unsuitable substances, paints or liquids which have not been thinned correctly or which are not suitable for the surfaces to which they are applied, health hazards arising from a lack of ventilation when working in confined spaces or equipment which is faulty due to inadequate cleaning of the components after use. If in doubt, test a small inconspicuous area first. Always read the manufacturer's instructions before use. Neither our guarantee nor the above statement affects your statutory rights.

MAINS CONNECTION

This unit is a Class II appliance which means it is double insulated for your protection, no earthing wire is necessary. If the supply cord is damaged, it must be replaced by Earlex Ltd or our appointed agents.

If you are using an extension lead it must be rated at a minimum of 6 amps and fully unwound. Do not operate with a lead rated at less the 6 amps as this will cause premature failure of the motor which is not covered by the guarantee.

If the plug is cut off from the mains lead, it must be disposed of safely. NEVER under any circumstances insert a plug which is cut off from the mains lead into socket.

Information on the disposal of waster electrical equipment know as Weee.
Please don not dispose of tools with your household waste collected by the council. It is your responsibility to dispose of this type of waste by handing it over to a special designated collection point for recovery and recycling.

EC Declaration of Conformity
We declare that the unit: HV2900/3900 Conforms to LVD 2006/95/EC, EN60335-1, EMC 2004/108/EC, EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3, EMF EN50366.

Tim Hopper Technical Director

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Design Registrations and Patents:

Spray Gun Design Registration
ECD 001096218-0001
CN 200930004457.X

Spray Gun Patent
GB 0903275.6

HVLP Turbine Design Registration
GB 3022947
FR 06/5463
EU 000608856
US D563,503

EARLEX LTD. WILL ACCEPT NO RESPONSIBILITY FOR THE USE OF THIS PRODUCT IF USED FOR ANY OTHER PURPOSES THAN THOSE DETAILED HEREIN.

GUARANTEE and HELPLINE
This product is guaranteed for a period of 24 months against faulty manufacture or materials. It is not guaranteed for industrial or hire purposes. This guarantee does not affect your statutory rights. For further information or any user advice, please phone our helpline between 9am to 12am and 2pm to 5pm Mondays to Fridays (excluding Bank Holidays), or visit our website www.earlex.fr.

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Notes

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